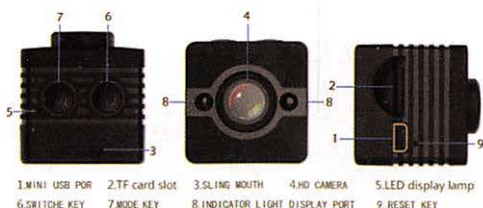


# SQ12

FULL HD 1080P

MINI DV

## Instructions



### Product Features

- High-quality and high-definition image FULL HD 1080P DV DC
- 155-degrees wide-angle lens
- Compact design, portable handheld DV DC
- Can record high-definition video in low light
- Video format: 1280×720P
- Video format: 1920×1080P
- Camera mode: 12M (4032×3024)
- Motion detection recording: 720P and 1080P
- High-speed transmission USB 2.0 interface
- Maximum compatible with 32G T-flash card
- TV-OUT can Connect to the TV display
- Built-in lithium battery for up to 60 minutes recording continuous

### Use guide

#### Charge:

Built-in chargeable lithium battery. should charge the battery at the first use, and can be charged in those ways:

- 1 Connect to the computer for charging, use USB to connect to the computer;
- 2 Charging and recording at the same time, you can film video and also charge (connect USB 5V charger or mobile charger)
- 3 The red light flash during charging while the blue light is off, when the charging is finished, the red light is on continuously and the blue light is off. (The red light is on continuously, please keep charging for more 30 mins to make sure that the battery is 100%charged) .

Note: 1 When the battery is low and the TF card is full, the DV red and blue lights flash for 5s then directly power off into the protected status.

(Save record files and power off automatically), at this time, please charge the product.

2 When it is powered on without card, the red and blue lights flash for 5s then directly power off .

3 If there is no working mode after power on, will be powered off automatically in 1 min.

#### One cable with 3 uses:

USB cable and TV cable are combined into one cable with following three functions:

- 1 Can connect to the computer for charging and the data transmission.
- 2 Can insert the TV OUT screen display.
- 3 Can be inserted from outside the DV-5V for recording and charging at one time.

#### No flashing during recording 720P:

Press the ON OFF button to turn on the power, after power on, the blue light is long on in the standby mode, press the power button for 1 time and the blue light is off after flashing for 3 times then get into the 720P recording mode, during the process of recording the light will not prompt and the recording files will be saved every 5 mins, press the power button again when you want to stop recording, and the camera will be back to the standby mode mean while the blue light will be on.

#### No flashing during recording 1080P:

Press the ON OFF button to turn on the power, after power on, the blue light is long on during the standby mode, press for 1 time the mode button. the camera turns into 1080P mode and the blue light and red light are long on. after that, press the power button again, the blue light and red light flash for 3 times then are turning into the 1080P recording mode, during the process of recording light will not prompt, the recording files will be saved every 5 mins, press the power button again when you want to stop recording and the camera will be back to the standby mode and the blue light will be on.

#### Photo shooting 12 million pixels:

Press twice the mode button in the standby mode, the red light is on and the blue light is off, then press the power button again, the red light flash for 1 time, the camera will take one picture and the pictures of 12 million pixels will be saved automatically.

#### The infrared light turns on and off:

Turn on: during every mode of standby, press the ON/OFF power button for 2 seconds, the red light flashes , IR light is on and you can start the night recording.

Turn off: turn off the IR light, in every mode of standby, press the ON/OFF for 2 seconds, and the left and right light flash for 3 times, then the IR light mode will be turn off

#### Motion detection recording mode (720P-1080P):

Motion detection recording mode 720P: in the standby mode of blue light, press the mode button for 3 seconds, the blue light is long on and the red light is off when the motion detection recording mode turns on, after detecting the movement of the object, the red light and the blue light are flashing at the same time for the motion detection recording 720P, the recording files will be saved every 5 mins until there is no motion or no battery or the card is full. (press any button can exit the motion detection recording mode)

Motion detection recording mode1080P: in the 1080P recording mode and the red light and blue light are long on, press the mode button for 3 seconds, the red light flashes for 3 times, the blue light is long no and the red light is flashing for 3 times when the camera is turning into the motion detection recording mode1080P, after detecting the movement of the object, the red light and the blue light are flashing at the same time for the motion detection recording 1080P, the recording files will be saved every 5 mins until there is no motion or no battery or the card is full. (press any button can exit the motion detection recording mode)

Charging and recording at the same time:

The camera will get into the 720P recording mode directly when inserting the TF card, plug the USB-TV cable, external 5V USB power or charger (mobile power) if there is no manual stop, the camera will keep recording until the card is full or without battery, you can also stop recording manually and turn it into any mode.

#### TV OUT mode:

Connect the USB-TV cable, if turn on the camera with the connection of TV display, you can watch the pictures through the TV display, at the same time, you can switch to photo taking mode, recording mode and motion detection recording mode.


#### Reset:

When the camera crashes, the button is invalid, or cannot be used normally, you can press the button with a sharp object to reset the insertion point. after resetting, the camera can be used normally again.

#### Power off:

After stopping the any function mode, the camera need to be powered off. Press the ON/OFF button for 6 seconds, when all lights are off, the camera is powered off. In standby mode without any function for 1 minute, the camera will be automatically powered off.

#### Time modification setting:

The camera will automatically boot in the TF card root directory to create an TXT text document (Figure ), power off the camera and use the USB cable to connect the computer. After opening TIMEREST.txt text document in Removable Disk, you can Edit the time that you want, for example: format (year, month, day, minute, second)20160804174726 Y and save the text document, and then you can turn on the camera to record video, the video files will show the edited time. The setting without time watermark is the same, just need to remark the tail letters Y and N. The reference format is as follows:

- 1: 20150608192526 Y (with time watermark)
- 2: 20150608192526 N (without time watermark)

#### Note:

- ① Make sure that the camera has been inserted with T-flash (Micro SD) card, if no, the double flash red and blue lights will not work properly.
- ② Please keep the lens at the distance of 50 cm or more in the environment with sufficient lighting. The picture color is naturaller, the scenery is clear and the picture is more stable.

#### Connect to the computer:

In power on, standby and off state, can be directly connected to the computer as U disk using, You can freely copy, cut and paste, delete the files and format U disk

Connect to the computer USB port, after a few seconds the computer will pop removable disk logo, the blue light will be on when identifying USB devices for data transfer, if the red light is on, the camera is charging, and if the red light is long on, the camera finishes charging.

#### Note:

- 1 After the product is connected to the computer, if the computer cannot recognize it, or if the removable disk is not ejected after 30 seconds, please reset it again.
- 2 It is recommended to use the TF card reader to read the video file directly to play, and directly through the USB connection to play the built-in memory video files, may be due to the amount of data is too large, transmission cannot keep up, playback is not smooth.

#### Relevant parameters

Item	Relevant parameter
Camera angle	155-degree wide-angle lens
Video format	AVI
Video coding	M-JPEG
Video resolution	1920×1080P 1280×720P
Video frame rate	30fps
Image ratio	16: 9
Photo resolution	12M (4032×3024)
Image format	JPG
Motion detection	Yes
TV OUT	Yes
Battery type	Built-in high-capacity lithium polymer
Battery capacity	200mAh
Working hours	Sustainable recording up to 60 minutes
Charging voltage	DC-5V
Storage	Up to 32G TF card
Transmission speed	High speed USB2.0
Interface type	Mini 8pin USB
Compatible system	Windows me/2000/XP/2003/Vista; Mac Os; Linux;
Player software	Comes with system or mainstream audio and video playback software

**Note:** After using up the battery, it needs 2 to 3 hours to fill the battery, when the indicator light is on, need to be charged for 30 mins more to make sure that the battery is completely full.

This product is real HD DV, so the product power consumption is larger than the plain, and its shell material is a zinc alloy, the product is heat during using but its normal, so you don't need to worry about the quality, we only sell the products that have been through the long aging test to make sure to be the good quality.

#### Precautions:

**Use occasions:** Please strictly abide by the use of the relevant laws of the country, shall not be used for any illegal use of this product, or it will be at your own risk

**Working temperature:** Please use it at natural temperature. Do not use it at temperatures that cannot be adapted to human.

**Working humidity:** Please use in the human appropriate ambient humidity, do not put the product in a humid working environment, This product does not have a waterproof function, please avoid watering or exposure to rain.

**Shooting requirements:** Please use the environment in a sufficient light source, do not put the camera directly to the sun and other light source, so as not to damage the optical device.

**Cleaning requirements:** Do not use the dust density in the environment is too large, so as not to contaminate the lens and other parts of the dust, affecting the camera effect.